

At NexantECA, we provide clients with a range of offerings to support key strategic and operational decisions driven by changing industry dynamics.

Resources & Primary Energy

- Hvdro
- Wind
- Solar
- Other Renewable Energy
- Biomass & Bioenergy
- Nuclea
- Geothermal
- Coal

Energy & Power

- Energy transition
- Bioenergy & Biofuels
- Hydrogen
- Carbon to fuels
- Energy storage
- Sustainable Shipping fuels
- Electric Vehicles
- Value chain/circular economy

Chemicals & Polymers

- Carbon to Chemicals
- Biomass to Chemicals
- Biobased Polymers
- Polymer processing and recycling options
- Speciality Chemicals
- Green Ammonia
- Value chain/circular economy

Carbon Capture and Storage

- Amine Scrubbing
- Geological storage
- Cement production
- Emission-to-Liquids (ETL) technologies
- Renewable Methanol
- Renewable Ethanol
- Biomass plant
- Carbon Offsetting

Recycling and Waste Management

- Recycling and Waste Processing
- Plastic Recycling and implications
- Plastics to Chemicals
- Plastics to Fuel
- Feedstock recycling
- Value chain and circular economy
- Conversion rates and economies of scale
- Feedstock quality and skilled operators

Social Impact

- Health, Safety, Security & Environment (HSSE)
- Diversity and Inclusion
- Governance and Leadership
- Stakeholder Engagement
- Community Vitality, Relations & Projects per Capita
- Business Ethics
- Monetary losses from unethical behaviour

Investment and Finance

- ESG performance assessment
- Pre-issuance Reviews: Second Party Opinion
- Post-issuance Reviews: assurance report and impact reporting
- ESG Investing: M&A list
- Green Loans and Green Finance

Regulations and Standards

- Impact of legislation local and inter-regional
- Bans on single use plastic.
- Regional priorities and regulatory requirements
- Road maps & SDGs realisation

Other

- Food security and Agriculture
- Construction & Infrastructure
- Insulation
- Green cities
- Operational Efficiency
- Life Cycle Analysis

